



04-06-06

Docket 17665 (BOT)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of  
Li Shengwen et al.

Serial No: 10/732,703

Date Filed: December 10, 2003

For: Lipid Rafts and Clostridial Toxins

Examiner:

Group Art Unit:

Confirmation No.:

Irvine, California

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant provides with regard to the patent application entitled LIPID RAFTS AND CLOSTRIDIAL TOXINS, filed herewith one copy of documents of which he is aware, which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56. A listing of documents submitted is set forth on the attached Information Disclosure Citation (Form PTO-1449).

While these documents may be material pursuant to 37 C.F.R. §1.56, their disclosure is not intended to constitute an admission that the documents are prior art in regard to this invention. The filing of this Statement should not be construed to mean that a search has been conducted or that no other material documents or information exists. These documents were disclosed in an International Search Report in the foreign counterpart of the above-identified application, and the International Search Report was received less than three (3) months ago. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement.



Docket 17665 (BOT)

The Commissioner is hereby authorized to charge any fees required or necessary for the filing, processing or entering of this paper or any of the enclosed papers, and to refund any overpayment, to deposit account 01-0885.

Respectfully submitted,

Date: April 5, 2006

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### **CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10**

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date April 5, 2006, in an envelope as "Express Mail Post Office to Addressee" Mailing Label number **EV 763 388 651 US** addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 5, 2006

Adriane Giberson

Name of person mailing paper

Signature of person mailing paper

**LIST OF ART CITED BY APPLICANT**

ATTY. DOCKET: 17665 (BOT)	SERIAL NO.: 10/732,703
APPLICANT: Li Shengwen, et al.	TITLE: Lipid Rafts and Clostridial Toxins
FILING DATE: December 10, 2003	GROUP: Unknown

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
AA	2002/0031529	Mar. 14, 2002	Donovan			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
BA WO 02/062824	15 Aug 2002	PCT			
BB WO 03/094955	20 Nov 2003	PCT			

**OTHER ART**

(Including Author, Title, Date, Pertinent Pages, etc.)

CA	Fantini et al.; <i>Lipid rafts: structure, function and role in HIV, Alzheimer's and prion diseases</i> ; Accession Information: DOI: 10.1017/S1462399402005392; Dec 20, 2002; Cambridge University Press; pp 1-22
CB	Herreros et al.; <i>Lipid rafts act as specialized domains for tetanus toxin binding and internalization into neurons</i> ; Molecular Biology of the Cell; Vol. 12, Oct 2001; pp 2947-2960
CC	Herreros et al.; <i>Lipid microdomains are involved in neurospecific binding and internalization of clostridial neurotoxins</i> ; Int. J. Med. Microbiol. 291, 2002; pp 447-453
CD	Lafont et al.; Raft association of SNAP receptors acting in apical trafficking in Madin-Darby canine kidney cells; Proc. Natl. Acad. Sci. USA; Vol. 96, March 1999, Cell Biology, pp 3734-3738
CE	Morishima-Kawashima et al.; <i>Gamma - Secretase activity is present in rafts but is not cholesterol-dependent</i> ; Biochemistry 2003, 42 pp 13977-13986
CF	Nagahama et al.; <i>Binding and internalization of clostridium perfringens Iota-Toxin in lipid rafts</i> ; Infection and Immunity, June 2004, Vol. 72, No. 6, pp 3267-3275
CG	Simons et al.; <i>Cholesterol depletion inhibits the generation of <math>\beta</math>-amyloid in hippocampal neurons</i> ; Proc. Natl. Acad. Sci. USA, Vol. 95, May 1998, Neurobiology, pp 6460-6464
CH	Turton et al.; <i>Botulinum and tetanus neurotoxins: structure, function and therapeutic utility</i> ; Trends in Biochemical Sciences, Vol. 27, NO. 11, Nov 2002, pp 552-558
CI	Verheyden et al.; <i>Other noncosmetic uses of Botox</i> ; Dis. Mon. 2002; 48, pp 357-366
CJ	Waheed et al.; <i>Selective binding of perfringolysin O derivative to cholesterol-rich membrane microdomains (rafts)</i> ; PNAS; April 24, 2001, Vol. 98, No. 9, pp 4926-4931

EXAMINER \_\_\_\_\_

DATE CONSIDERED \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.